SEP 19 2005 W

Signature

LTW/ PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE e Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

ARTIS	Application Number	10/665,789	
TRANSMITTAL	Filing Date	09/18/2003	
FORM	First Named Inventor	Ronald W. Fechter ET AL.	
(to be used for all correspondence after initial filing)	Art Unit	3679	
	Examiner Name	Victor L. Macarthur	
Total Number of Pages in This Submission	Attorney Docket Number	03-143	

ENCLOSURES (Check all that apply)							
х	Fee Transmittal Form		Assignment Papers	After Allowance communication			
نـــا			(for an Application)	to Technology Center (TC) Appeal Communication to Board of			
	X Fee Attached		Drawing(s)	Appeals and Interferences			
	Amendment/Reply		Licensing-related Papers	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)			
	After Final		Petition	Proprietary Information			
	Affidavits/decla	aration(s)	Petition to Convert to a Provisional Application	Status Letter			
	Extension of Time Re	equest	Power of Attorney, Revocation Change of Correspondence Address	Other Enclosures(s) (please Identify below):			
	Express Abandonmer	nt Request	Terminal Disclaimer	, ,			
x	Information Disclosure	e Statement	Request for Refund				
Certified Copy of Priority Documents			CD, Number of CD(s)				
Response to Missing Parts/							
	Incomplete Application Response to M						
	under 37 CFR	1.52 or 1.53					
		SIGNATU	JRE OF APPLICANT, ATTORNEY,	OR AGENT			
Firm	Andre	ew J Piri	e, Registration No. 45,597				
1	ual name		e, Regiscration no. 43,33,				
Signati	ure ///	n li	<u></u>				
Date	Date September 9, 2005						
			CERTIFICATE OF MAILING				
1		-	posited with the United States Postal Service as first dria, VA 22313-1450 on this date:	class mail in an envelope address to: 09/09/2005			
Турес	d or printed name	Andre	w J. Ririe	· · · · · · · · · · · · · · · · · · ·			
	Types of primes mains						

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (05-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL	Complete if Known				
FEE IRANSIMITIAL	Application Number	10/665,789			
for FY 2003	Filing Date	09/18/2003			
101 F 1 2003	First Named Inventor	Ronald W. Fechter ET AL.			
Effective 10/01/2003. Patent fees are subject to annual revision.	Examiner Name	Victor L. Macarthur			
Applicant claims small entity status. See 37 CFR 1.27	Art Unit	3679			
TOTAL AMOUNT OF PAYMENT (\$) 180	Attorney Docket No.	03-143			

Check	MET	HOD OF PA	YMENT (check all	that apply)	FEE CALCULATION (continued)					
Deposit	Check	Credit Card		er None	3. A	3. ADDITIONAL FEES				
Deposit Account Number Number Deposit Account Number Deposit Account Number Deposit Account Number Deposit Number Deposit Number	X Denosit A	count	Order							
Number Deposit Account Name The Director is authorized to: (check all that apply) X Charge fee(s) indicated below X Credit any overpayments 1804 920* 1804 920* 1804 920* 1804 920* 1804 920* 1804 920* 1804 920* 1804 920* 1804 920* 1804 920* 1804 920* 1804 920* 1804 920* 1804 920* 1804 920* 1805 1,840* 1,84	— Deposit A	- COUNT							Fee Description	Fee Paid
Deposit Account Name The Director is authorized to: (check all that apply) X Charge fee(s) indicated below X Credit any overpayments Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account. TEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Code (\$) Code (\$) 1001 790 2001 385 Willity filling fee 1002 350 2002 170 Design filing fee 1004 790 2004 385 Reissue filing fee 1004 790 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee 1006 1700 2005 80 Provisional filing fee 1006 180 2005 80 Provisional filing fee 1007 2005 80 Provisional filing fee 1008 SUBTOTAL (1) (\$) EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee From below Fee Paid 1007 50 1807 50 1807 50 Processing fee under 37 CFR 1 17(0) 1802 250 1807 50 1807 50 Processing fee under 37 CFR 1 17(0)		03-1129			1051	130	2051	65	Surcharge - late filing fee or oath	
Name The Director is authorized to: (check all that apply) Charge fee(s) indicated below X Credit any overpayments Charge any additional fee(s) or any underpayment of fee(s) Charge fee(s) indicated below, except for the filling fee Code (s) C	Deposit				1052	50	2052	25		
The Director is authorized to: (check all that apply) Charge fee(s) indicated below X Credit any overpayments 1804 920* 1804 920* 1804 920* 1804 920* 1805 1,840* 1805 1,840* 1805 1,840* 1805 1,840* 1805 1,840* 1805 1,840* 1805 1,840* 1805 1,840* 1805 1,840* 1805 1,840* 1805 1,840* 1805 1,840* 1805 1,840* 1805 1,840* 1805 1,840* 1805 1,840* 1805 1,840*					1053	130	1053	130		
Charge fee(s) indicated below X Credit any overpayments 1804 920* 1804 920* 1804 920* 1805 1		authorized to:	(check all that apply						• ,	
Charge any additional fee(s) or any underpayment of fee(s) Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account. 1805						•			Description multipolism of CID poles to	
Charge fee(s) indicated below, except for the filling fee to the above-identified deposit account. 1251 110 2251 55 Extension for reply within first month		y additional fee	(s) or any underpayme	ent of fee(s)	1804	920	l		Examiner action	
FEE CALCULATION 1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Code (\$) 1001 790 2001 385 Utility filing fee 1002 350 2002 170 Design filing fee 1004 790 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee 1005 160 2005 80 Provisional filing fee 1006 Extra Claims Fee From Extra Claims Fee From below Fee Paid Total Claims20** = X		- /-> :		llan faa	1805	1,840*	1805	1,840*	Examiner action	
1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Pee Fee Pee Fee Pee Fee F	to the above-in	e(s) indicated be dentified deposit	account.	lling tee	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Pland 1001 790 2001 385 Utility filing fee 1002 350 2002 170 Design filing fee 1004 790 2004 385 Reissue filing fee 1005 160 2005 80 Provisional filing fee 1005 160 2005 80 Provisional filing fee 1006 160 2005 80 Provisional filing fee 1007 1008 Extension for reply within fourth month 1254 1,530 2254 740 Extension for reply within fourth month 1255 2,080 2255 1,005 Extension for reply within fifth month 1401 340 2401 165 Notice of Appeal 1402 340 2402 165 Filing a brief in support of an appeal 1403 300 2403 145 Request for oral hearing 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable 1453 1,370 2453 665 Petition to revive - unintentional 1501 1,370 2501 665 Utility issue fee (or reissue) 1502 490 2502 240 Design issue fee 1503 660 2503 320 Plant issue fee 1504 1,530 2254 740 Extension for reply within third month 1254 1,530 2254 740 Extension for reply within fourth month 1401 340 2401 165 Notice of Appeal 1402 340 2402 165 Filing a brief in support of an appeal 1403 300 2403 145 Request for oral hearing 1455 1,510 Petition to revive - unavoidable 1456 1,530 2254 740 Extension for reply within fifth month 1401 340 2401 165 Notice of Appeal 1402 340 2402 165 Filing a brief in support of an appeal 1403 300 2403 145 Request for oral hearing 1451 1,510 Petition to revive - unavoidable 1452 110 2452 55 Petition to revive - unintentional 1501 1,370 2501 665 Utility issue fee (or reissue) 1502 2490 2502 240 Design issue fee 1503 660 2503 320 Plant issue fee 1504 1,530 2254 740 Extension for reply within fifth month 1401 340 2401 165 Notice of Appeal 1402 3402 165 Filing a brief in support of an appeal 1403 300 2403 145 Request for oral hearing 1405 1,510 Petition to revive - unavoidable 1504 1,510 Petition to revive - unavoidable 1505 1,370 2650 665 Petition to revive - unavoidable 1507 2,490 26		FFF C	ALCULATION		1252	430	2252	210	Extension for reply within second month	
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Code (\$) Code Cod	1 BASICE	4050 0050 475 Fidencial for each widthin third month				Extension for reply within third month				
Fee Fee Code (\$) Code (\$)	_				1254	1,530	2254	740	Extension for reply within fourth month	
1001 790 2001 385 Utility filing fee 1002 350 2002 170 Design filing fee 1402 340 2402 165 Filing a brief in support of an appeal 1403 300 2403 145 Request for oral hearing 1401 1403 300 2403 145 Request for oral hearing 1401 1402 340 2402 165 Filing a brief in support of an appeal 1403 300 2403 145 Request for oral hearing 1401 1403 1403 300 2403 145 Request for oral hearing 1401 1403 300 2403 145 Request for oral hearing 1401 1403 1403 1403 1403 1403 1403 1403	Fee Fee	Fee Fee	Fee Description	Fee Paid	1255	2,080	2255	1,005	Extension for reply within fifth month	
1002 350 2002 170 Design filing fee 1403 300 2403 145 Request for oral hearing 1403 300 2403 145 Request for oral hearing 1451 1,510 Petition to institute a public use proceeding 1453 1,370 2453 665 Petition to revive - unavoidable 1453 1,370 2453 665 Petition to revive - unintentional 1501 1,370 2501 665 Utility issue fee (or reissue) 1502 490 2502 240 Design issue fee 1503 660 2503 320 Plant issue fee 1503 660 130 Petitions to the Commissioner 1807 50 Processing fee under 37 CFR 1 17(0)		` '	Likilik . Elina dan		1401	340	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee					1402	340	2402	165	Filing a brief in support of an appeal	
1004 790 2004 385 Reissue filing fee					1403	300	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee SUBTOTAL (1) (\$) 0 1453 1,370 2501 665 Petition to revive - unavoidable 1453 1,370 2501 665 Utility issue fee (or reissue) 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from below Fee Paid 1503 660 2503 320 Plant issue fee 1503 660 2503 320 Plant issue fee 1600 130 Petitions to the Commissioner 1600 1807 50 Processing fee under 37 CFR 1 17(0)			-		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 0 1453 1,370 2453 665 Petition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Extra Claims			•		1452	110	2452	55	Petition to revive - unavoidable	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501			1453	1,370	2453	665	Petition to revive - unintentional			
Extra Claims	333701112(1)		1501	1,370	2501	665	Utility issue fee (or reissue)			
Extra Claims Delow Fee Paid 1503 660 2503 320 Plant issue fee	2. EXTRA		Fee	from	1502	490	2502	240	Design issue fee	
Independent -3** = X = 1807 50 1807 50 Processing fee under 37 CFR 1 17(g)			Extra Claims be	low Fee Paid	1503	660	2503	320	Plant issue fee	
""" 1	Total Claims	-20** =	×	=	1460	130	1460	130	Petitions to the Commissioner	
Claims ————————————————————————————————————		- 3** =	x	=	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Multiple Dependent = 1806 180 1806 180 Submission of Information Disclosure Stmt 780		dent		=	1806	180	1806	180	Submission of Information Disclosure Stmt	180
Large Entity Small Entity Fee Fee Fee Fee Fee Description 8021 40 8021 40 Recording each patent assignment per property (times number of properties)	Large Entity	Small Entity	Fee Description		8021	40	8021	40		
Code (\$) Code (\$) 1809 790 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))	``'	,	Claims in excess of	20	1809	790	2809	385	Filing a submission after final rejection	
1201 88 2001 43 Independent claims in excess of 3 1810 700 2810 385 For each additional invention to be					1810	790	2810	385	For each additional invention to be	-
1203 290 2203 145 Multiple dependent claim if not paid	1203 290	2203 145	Multiple dependent	claim, if not paid						
1204 88 2204 43 **Reissue independent claims	1204 88	2204 43			1801	/90	2801	385	•	
over original patent 1802 900 1802 900 Request for expedited examination of a design application	over original patent				1802	900	1802	900		
and over original patent Other fee (specify)	1.200	1			Otho	r foe /en	ecify.			
SUBTOTAL (2) (\$) 0 *Reduced by Basic Filing Fee Paid		SUBTO	TAL (2) (\$)	0				Filing F	ee Paid	<u> </u>
**or number previously paid, if greater, For Reissues, see above SUBTOTAL (3) (\$) 180	**or number		, ,	es, see above	1	uceu by	Jasic	. any F		180

SUBMITTED BY				(Complete (if	applicable))
Name (Print/Type)	Andrew J. Ririe	Registration No. (Attorney/Agent)	45,597	Telephone	(309) 636-1974
Signature	Muhi			Date	09/09/2005

WARNING: Information on this form may become public. Credit card information should not

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	Group Art Unit: 3679
RONALD W. FECHTER, ET AL.)	Examiner: Victor L. Macarthur
Application Number: 10/665,789)	
Filed: September 18, 2003)	
Title: ATTACHMENT DEVICE FOR A LOAD BEARING MEMBER)	
Attorney Docket No.: 03-143	_ (

Peoria, Illinois 61629-6490

September 9, 2005

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

The following information and attached material are submitted for the Examiner's consideration relative to one or more of the claims in the above-identified application. A PTO 1449 (SB08) form and a copy, if required, of each item listed thereon are attached.

The Invention Disclosure Statement is filed pursuant to 37 CFR § 1.97(c). Two copies of the fee transmittal sheet are enclosed.

Respectfully submitted,

Andrew J. Ririe

Registration No. 45,597

Caterpillar Inc.

Telephone: (309) 636-1974

AJR:dmc Enc.

09/14/2005 BABRAHA1 00000009 031129 10665789

01 FC:1806

180.00 DA

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Tracemark Onice, U.S. Patent and Tracemark Onice,

Substitute for form 1449/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of

Complete if Known				
Application Number	10/665,789			
Filing Date	09/18/2003			
First Named Inventor	Ronald W. Fechter ET AL.			
Art Unit	3679			
Examiner Name	Victor L. Macarthur			
Attorney Docket Number	03-143			

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		Number-Kind Code ^{2 (if known)}	-		rigures Appear			
		US- 2002/0101107	8-1-2002	Cunningham et al.				
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-						
		US-			·			
		US-						
		US-						
		US-		1				
		US-						
		US-			·			
		US-						
		US-						

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ^{5(fknown)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	τ°		
						\perp		
						\vdash		
						oxdapsilon		

Examiner	Date	
Signature	Considered	
2.3		l

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1Applicant's unique citation designation number (optional). 2See Kinds Codes of USPTO Patent Documents at <u>www.uspto.gov</u> or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.